

CLAIMS

1. A postal sorting machine comprising a carousel (1) and a system (4) for injecting mail items (3) edge on into receptacles (2) of the carousel (1), each receptacle (2) of the carousel (1) being defined by an end wall (7) and two side walls (5, 6), the machine being characterized in that a blower (13) is interposed between the injection system (4) and the carousel (1), the blower (13) delivering two jets (14, 15) of compressed air that are substantially perpendicular to each other, each mail item (3) being displaced between the two jets (14, 15) of air.
2. A postal sorting machine according to claim 1, in which a flexible deflector (12) is fixed on a first one of the side walls (5) of each receptacle in such a manner that each mail item (3) injected into the receptacle (2) is guided towards the end wall (7) while being pressed substantially against the second side wall (6).
3. A postal sorting machine according to claim 2, in which the flexible deflector (12) is a wide strip of belt reinforced with cloth.
4. A postal sorting machine according to any preceding claim, in which each jet (14, 15) of compressed air is a flat jet of compressed air delivered by means of one or more flat nozzles (16, 17).
5. A postal sorting machine according to any preceding claim, in which the pressure of the jets (14, 15) of compressed air lies in the range 0.5 bars to 1.5 bars.